

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	292	137/601.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/15 16:32
S1	1	10/566495	US-PGPUB; USPAT	OR	OFF	2008/05/29 11:13
S2	362	137/487.5.ccls. and (pressure near4 chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 12:46
S3	181	137/487.5.ccls. and (pressure near4 chamber) with control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 12:46
S4	22	137/487.5.ccls. and (((pressure near4 chamber) with control) same exhaust)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 12:47
S5	2	137/487.5.ccls. and (((pressure near4 chamber) with control) same (exhaust near3 (pump or vacuum)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 12:48
S6	3	137/487.5.ccls. and ((chamber near5 control\$4) same (exhaust near3 (pump or vacuum)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 12:50
S7	8	("4872355" "5452613" "5791369" "5816285" "5865205" "5911238" "6119710" "6450200").PN. OR ("6711956").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 12:50

S8	28	("2336968" "3985467" "4172477" "4181161" "4259038" "4699570" "4934399" "5039280" "5340295" "5433238" "5719609").PN. OR ("5944049").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 12:51
S9	32	(S7 or S8) and (vacuum or pump)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 12:52
S10	187	(pressure near2 chamber) with (supply near2 (two or multip[\$5]))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:21
S11	72	((pressure near2 chamber) with (supply near2 (two or multip[\$5]))) same (control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:22
S12	497	(137/599.04,599.05,599.07,601.14).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:45
S13	171	(137/599.04,599.05,599.07,601.14).ccls. and parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:50
S14	3	(137/599.04,599.05,599.07,601.14).ccls. and parallel and (differ\$4 near3 capacit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:54
S15	25	("4725040" "4944276" "4995369" "5050568" "5054455" "5060621" "5069188" "5083546" "5103794" "5115785" "5117797" "5199456").PN. OR ("5289811").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 13:56
S16	48	(137/599.04,599.05,599.07,601.14).ccls. and parallel and ((high with low) or (fast with slow))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:59

S17	40	(137/599.04,599.05,599.07,601.14).ccls. and parallel and (control\$4 same ((high with low) or (fast with slow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 13:59
S18	26	("20030041135" "5062446" "5263369" "5660207" "5765283" "5805442" "5850850" "5911238" "5944048" "6061603" "6119047" "6151625" "6192281" "6216726" "6321272" "6332348" "6333272" "6343617" "6370448" "6450190" "6539968" "6619258" "6640140").PN. OR ("6810308").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:04
S19	1	"6178995".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:22
S20	26	("20030041135" "5062446" "5263369" "5660207" "5765283" "5805442" "5850850" "5911238" "5944048" "6061603" "6119047" "6151625" "6192281" "6216726" "6321272" "6332348" "6333272" "6343617" "6370448" "6450190" "6539968" "6619258" "6640140").PN. OR ("6810308").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:48
S21	0	S20 and (differ4\$ near3 rate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:48
S22	0	S20 and (differ4\$ near3 flow\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:48
S23	0	S20 and (differ4\$ near3 flow\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 14:49
S24	35	(137/599.01,599.02,599.03,599.04,599.06,599.07).ccls. and vacuum	US-PGPUB; USPAT	OR	OFF	2008/05/29 15:44
S25	19	("3067761" "3247886" "3905394" "3908686" "4229157" "4425930" "4478246" "4518011" "4585161" "5653220").PN. OR ("5938425").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:51
S26	2	S25 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:51
S27	257	(137/599.01-601.21).ccls. and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:54
S28	24	(137/599.01-601.21).ccls. and vacuum and semiconductor	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:54
S29	1	"6712084".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:58

S30	30	("4285245" "5062446" "5201581" "5660207" "5684245" "5765283" "5805442" "5850850" "5911238" "5925829" "5944048" "5975126" "6061603" "6151625" "6247495" "6321272" "6332348" "6333272" "6343617" "6450200" "6640140").PN. OR ("6712084").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 15:59
S31	10	S30 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:00
S32	45	("4369031" "5013398" "5134965" "5415728" "5522934" "5614055" "5736457" "5772771" "5911834" "6013155" "6042687" "6058729" "6068729" "6083569" "6125859" "6190233").PN. OR ("6333272").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:09
S33	30	S32 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:10
S34	0	"11381160".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:24
S35	0	"11/381160".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:25
S36	1	"11/381160"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:25
S37	70	("3396955" "3917238" "4098923" "4100310" "4138306" "4217375").PN. OR ("4369031").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:46
S38	40	S37 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 16:46
S39	73	("1927972" "2592304" "2803261" "2842159" "2868225" "2899973" "2918933" "3053272" "3138174" "3194254" "3237616" "3312241" "3605788" "3703913" "3741476" "3742972" "3766933" "3806027" "3820556" "3853143" "3862644" "3900045" "3978883" "3995656" "4039124" "4092998" "4194526" "4215627" "4250914" "4250915" "4428529" "4431020" "4508140" "4528898" "4592385" "4706553" "4732190" "4739924" "4768543" "4773311" "4791956" "4791957" "4796660" "4799511" "4873873" "4893551" "4942921" "4979527" "5000221" "5005636" "5240455" "5251665" "5255710" "5304093").PN. OR ("5664600").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:02
S40	11	S39 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:02

S41	30	S33 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:05
S42	19	("3067761" "3247886" "3905394" "3908686" "4229157" "4425930" "4478246" "4518011" "4585161" "5653220").PN. OR ("5938425").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:14
S43	2	S42 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:15
S44	17	(137/599.01-601.21).ccls. and vacuum and parallel and (control\$4 same ((high with low) or (fast with slow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 17:17
S45	22	(137/599.01-601.21).ccls. and vacuum and parallel and (((high with low) or (fast with slow)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 17:20
S46	5	S45 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/29 17:20
S47	24	S28 not (I28-I45)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:22
S48	5007	(137/599.01-601.21).ccls. not (I1-I45)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:22
S49	257	(137/599.01-601.21).ccls. and vacuum not (I1-I45)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:23
S50	14	(137/599.01-601.21).ccls. and vacuum not (I1-I45) and (mass near3 flow near3 control \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:25
S51	3	(137/599.01-601.21).ccls. and vacuum and additive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:36
S52	70	("3396955" "3917238" "4098923" "4100310" "4138306" "4217375").PN. OR ("4369031").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:40

S53	47	("20020042205" "2676603" "4065250" "4345610" "4369031" "4949670" "5013398" "5134965" "5415728" "5453124" "5522934" "5614055" "5662143" "5702530" "5736457" "5772771" "5865205" "5911834" "5916369" "5951772" "5997950" "6012474" "6013155" "6042687" "6068729" "6083569" "6125859" "6162323" "6190233" "6210482" "6217659" "6217937" "6287980" "6294026" "6321782" "6333272" "6360762" "6389364" "6418954" "6422264" "6508913" "6532978" "6581623" "6631334").PN. OR ("6941965").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:52
S54	11	("5633212" "5911238" "6093662").PN. OR ("6422264").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:56
S55	47	("20020042205" "2676603" "4065250" "4345610" "4369031" "4949670" "5013398" "5134965" "5415728" "5453124" "5522934" "5614055" "5662143" "5702530" "5736457" "5772771" "5865205" "5911834" "5916369" "5951772" "5997950" "6012474" "6013155" "6042687" "6068729" "6083569" "6125859" "6162323" "6190233" "6210482" "6217659" "6217937" "6287980" "6294026" "6321782" "6333272" "6360762" "6389364" "6418954" "6422264" "6508913" "6532978" "6581623" "6631334").PN. OR ("6941965").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 17:59
S56	23	("4798166" "4987856" "5133284" "5425842" "5505778" "5580822").PN. OR ("5951772").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 18:04
S57	45	(S53 or S55 or S56) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 18:05
S58	1	"6752166".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/29 19:14
S59	1	(137/599.01-601.21).ccls. and ((mass near3 flow near3 control\$4) with sequen\$4 with (operate or operating or operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:24
S60	1	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and ((mass near3 flow near3 control\$4) with sequen\$4 with (operate or operating or operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:26
S61	17	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and ((flow near3 control\$4) with sequen\$4 with (operate or operating or operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:27
S62	5	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and ((flow near3 control\$4) with (consecutiv\$4 or serial\$4 or succeeding\$4) with (operate or operating or operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:35
S63	24	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and ((flow near4 control\$4) with (consecutiv\$4 or serial\$4 or succeeding\$4 or sequential\$4 or sequenc\$4) with (operate or operating or operation))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:37

S64	3	S63 not S61 not S62	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:37
S65	0	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and (flow near4 control\$4) and "rising rate"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:38
S66	1	(137/487.5 or 137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and (flow near4 control\$4) and "rising rate"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:39
S67	5	(137/599.01-601.21).ccls. not (137/599.03-599.04).ccls. and (control\$4) and ((consecutiv\$4 or serial\$4 or succeeding\$4 or sequential\$4 or sequenc\$4) with (rising or increasing))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 08:41
S68	26	("2999482" "3038449" "3726296" "3746041" "3937248" "4030523" "4313465" "4628961" "4768544" "4821997" "4858636").PN. OR ("5329965").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 09:03
S69	0	S68 and ((consecutiv\$4 or serial\$4 or succeeding\$4 or sequential\$4 or sequenc\$4) with (rising or increasing))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 09:04
S70	14	S68 and ((consecutiv\$4 or serial\$4 or succeeding\$4 or sequential\$4 or sequenc\$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 09:05
S71	24	(US-20070193628-\$).did. or (US-4036011-\$ or US-4369031-\$ or US-4557950-\$ or US-4726961-\$ or US-5229319-\$ or US-5289811-\$ or US-5329965-\$ or US-5664600-\$ or US-5875817-\$ or US-5938425-\$ or US-5944049-\$ or US-5951772-\$ or US-6178995-\$ or US-6333272-\$ or US-6422264-\$ or US-6711956-\$ or US-6712084-\$ or US-6752166-\$ or US-6810308-\$ or US-6916397-\$ or US-6932098-\$ or US-6941965-\$ or US-7216019-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/05/30 10:07
S72	16	S71 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 10:07
S73	1	2002/0179148	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 11:12
S74	1	"6752166".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 11:13
S75	9	60/293356	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/30 11:14
S76	15	kannan.in. and hiroshi.in.	US-PGPUB; USPAT	OR	OFF	2008/05/30 12:03

S77	2140	(137/487.5,599.01,599.02,599.03,599.04,599.06,599.07,601.14).ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/13 17:04
S78	2140	S77 and pd>"20080601"	US-PGPUB; USPAT	OR	OFF	2009/01/13 17:05
S79	45	S77 and @pd>"20080601"	US-PGPUB; USPAT	OR	OFF	2009/01/13 17:06
S80	8	("10%" and "90%" and orifice and "pressure" and control).clm.	US-PGPUB; USPAT	OR	OFF	2009/01/13 17:12

1/15/2009 4:38:51 PM

C:\Documents and Settings\wmccalister\My Documents\EAST\Workspaces\10566495.pts.wsp